

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

1.-15. (Cancelled)

16. (Previously Presented) A method comprising:
  - checking a destination address of a received packet;
  - comparing the destination address of the packet with at least one predetermined multicast and/or broadcast address;
  - preventing the transmission of the packet to a first device in response to the addresses matching; and
  - forwarding the packet to at least the first device in response to the addresses not matching.
17. (Previously Presented) A method as claimed in claim 16, wherein the packet is received from a second device, and wherein the method further comprises connecting a first network comprising the first device to a second network comprising the second device, and wherein the first and second networks use different data transmission protocols.
18. (Previously Presented) A method as claimed in claim 16, wherein the destination address is an internet protocol address.
19. (Previously Presented) A method as claimed in claim 16, wherein the packet is received from a second device, and wherein the first device belongs to a mobile handheld

subcommittee domain of a universal plug and play system and the second device belongs to a home network version 1 domain of the universal plug and play system.

20. (Previously Presented) A method as claimed in claim 19, wherein transmission of universal plug and play discovery multicast packets to the first device is prevented.

21. (Previously Presented) A system comprising:  
a first device;

a second device; and

an intermediate node configured to arrange data transmission between the first device and the second device;

wherein at least the second device is configured to multicast and/or broadcast packets to devices in the system, wherein the intermediate node is configured to check a destination address of a packet received from the second device, the intermediate node is configured to compare the destination address of the packet with at least one predetermined multicast and/or broadcast address, and wherein the intermediate node is configured to prevent the transmission of the packet to the first device in response to the addresses matching, and wherein the intermediate node is configured to forward the packet to at least the first device in response to the addresses not matching.

22. (Previously Presented) An apparatus comprising:  
a processor configured to  
check a destination address of a received packet, ;

compare the destination address of the packet with at least one predetermined multicast and/or broadcast address;

prevent the transmission of the packet to a first device in response to the addresses matching; and

forward the packet to at least the first device in response to the addresses not matching.

23. (Previously Presented) The apparatus according to claim 22, wherein the packet is received from a second device, and wherein the processor is configured to cause the apparatus to connect a first network comprising the first device to a second network comprising the second device and the first and second networks use different data transmission protocols.
24. (Previously Presented) The apparatus according to claim 23, wherein the processor is configured to cause the apparatus to perform data transmission between an IEEE 802-based network to which the second device belongs and a bluetooth network to which the first device belongs.
25. (Previously Presented) The apparatus according to claim 22, wherein the destination address is an internet protocol address.

26. (Previously Presented) The apparatus according to claim 22, wherein the packet is received from a second device, and wherein the processor is configured to cause the apparatus to provide data transmission between the first device belonging to a mobile handheld subcommittee domain of a universal plug and play system and the second device belonging to a home network version 1 domain of the universal plug and play system.

27. (Previously Presented) The apparatus according to claim 26, wherein the processor is configured to prevent transmission of universal plug and play discovery multicast packets to the first device.

28. (Previously Presented) The apparatus according to claim 22, wherein the processor is configured to check, in addition to the comparison of the destination address of the packet with at least one predetermined multicast and/or broadcast address, if the packet complies with one or more further message transmission conditions, and the processor is configured to allow forwarding of the packet to the first device in response to the packet complying with the one or more further message transmission conditions.

29.-31. (Canceled)

32. (Previously Presented) A memory storing a computer program, the computer program configured to control a processor to perform the following:

check a destination address of a received packet;

comparing the destination address of the packet with at least one predetermined multicast and/or broadcast address;

preventing transmission of the packet in the system to a first device in response to the addresses matching; and

forwarding the packet to at least the first device in response to the addresses not matching.

33. (Previously Presented) A memory according to claim 32, wherein the computer program is further configured to control the processor to prevent transmission of universal plug and play discovery multicast packets to the first device.

34. (Previously Presented) A memory according to claim 32, wherein the computer program is further configured to control the processor to compare one or more properties of the packet to properties specified in predetermined transmission conditions to determine whether the packet should be forwarded to the first device.

35. (Canceled)

36. (Previously Presented) The apparatus according to claim 22, wherein the processor is configured to check whether the first device is in sleep mode and, when the first device is in sleep mode, the processor is configured to wake up the first device before forwarding the packet to the first device.

37. (Canceled)

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38. (Currently Amended) The apparatus according to claim 27, wherein the processor is configured to cause the apparatus to forward at least broadcast packets relating to address acquisition to the first ~~device~~device.